

# Lake Roosevelt

National Park Service  
U.S. Department of the Interior

Lake Roosevelt  
National Recreation Area



## The River Mile



# Fall 2013 Workshop Crayfish and ArcGIS September 26, 2013

**Grand Coulee, Washington**  
**8:00 AM to 5:00 PM**

### Crayfish

Learn to conduct crayfish trapping, use a simple key to identify the species found, and to then fill out a data sheet for submission to the NPS. Identify native crayfish and Identify and document non-native crayfish species impacting native crayfish and wildlife.

### ArcGIS

Learn about GIS and how you can use it with your students in a variety of applications and settings. We will explore creating online maps, collecting and adding data to maps, share maps in galleries, use mobile devices and learn about additional opportunities with ArcGIS.

Bring your laptop, smart phones and tablets. Don't have any of these? **No problem!** We will be using Grand Coulee Dam Middle School's computer lab and as ArGIS Online is an internet based program you can use any computer.

•Free Clock Hours  
•College credit available

**Free registration for  
teachers in the Columbia  
River Watershed**



# Lake Roosevelt

National Park Service  
U.S. Department of the Interior

Lake Roosevelt  
National Recreation Area



## The River Mile Fall 2013 Workshop Registration Form

### Return to:

Janice Elvidge  
Education Specialist  
Lake Roosevelt NRA  
1008 Crest Drive  
Coulee Dam, WA 99116  
509-754-7848  
509-633-9187 FAX  
[Janice\\_Elvidge@nps.gov](mailto:Janice_Elvidge@nps.gov)

Name \_\_\_\_\_  
School \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Email \_\_\_\_\_  
Phone \_\_\_\_\_

Grade(s): 1 2 3 4 5 6 7 8 9 10 11 12 College

Are you a current participant in The River Mile? Yes No

Does your school participate in The River Mile? Yes No

Who is your school's contact teacher for The River Mile? \_\_\_\_\_

Please Answer the following questions so we can better prepare the workshop to meet your needs.

**Please rate the following based on your current knowledge or skill (1= None, 5=Expert)**

1) What is your experience with ArcGIS? (online, desktop, other)

- |                                |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|
| a) ArcGIS Desktop Professional | 1 | 2 | 3 | 4 | 5 |
| b) ArcGIS Desktop for Teachers | 1 | 2 | 3 | 4 | 5 |
| c) ArcGIS Explore Online       | 1 | 2 | 3 | 4 | 5 |
| d) ArcGIS Online               | 1 | 2 | 3 | 4 | 5 |
| e) Other mapping programs      | 1 | 2 | 3 | 4 | 5 |

2) What is your current level of knowledge about crayfish?

- |                                   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|
| a) Habitat                        | 1 | 2 | 3 | 4 | 5 |
| b) Species Identification         | 1 | 2 | 3 | 4 | 5 |
| c) Fishing Regulations            | 1 | 2 | 3 | 4 | 5 |
| d) Trapping and Catching          | 1 | 2 | 3 | 4 | 5 |
| e) Data Collection and Submission | 1 | 2 | 3 | 4 | 5 |

**Please rate your level of interest in the following (1=Not So Much, 5=Really Need It and 6=Never Heard Of It)**

3) What aspects of ArcGIS would you like to learn more about?

- |                               |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|
| a) making a map               | 1 | 2 | 3 | 4 | 5 | 6 |
| b) uploading data             | 1 | 2 | 3 | 4 | 5 | 6 |
| c) analyzing data             | 1 | 2 | 3 | 4 | 5 | 6 |
| d) sharing data about my site | 1 | 2 | 3 | 4 | 5 | 6 |
| e) story maps                 | 1 | 2 | 3 | 4 | 5 | 6 |

4) What would you like to learn more about crayfish?

- |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| a) Crayfish descriptions/identification | 1 | 2 | 3 | 4 | 5 | 6 |
| b) Crayfish habitat                     | 1 | 2 | 3 | 4 | 5 | 6 |
| c) How to catch them                    | 1 | 2 | 3 | 4 | 5 | 6 |
| d) Water quality requirements of study  | 1 | 2 | 3 | 4 | 5 | 6 |
| e) Data requirements                    | 1 | 2 | 3 | 4 | 5 | 6 |